#### ADDENDUM No. #2

Date June 8, 2016

City of Austin

Project Name Eliza Spring Outlet Daylighting

C.I.P. No. CIP 6660.046

Project/Solicitation Number: CSP 6100 CLMB321

This Addendum forms a part of the Contract and corrects or modifies original Bid Documents, dated May 9, 2016. Acknowledge receipt of this addendum in space provided on bid form. Failure to do so may subject bidder to disqualification.

A. Project Manual Revisions:

None

- B. Drawing Revisions:
  - 1) Delete Sheet G 1.2, and replace with the attached Sheet G 1.2.

This addendum consists of  $\underline{2}$  page(s)/sheet(s).

Approved by OWNER

Approved by ENGINEER/ARCHITECT

**END** 

- 1. ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE RELEASED SITE PLAN. ANY ADDITIONAL IMPROVEMENTS WILL REQUIRE A SITE PLAN AMENDMENT AND APPROVAL FROM THE DEVELOPMENT SERVICES DEPARTMENT.
- 2. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN
- 3. CONTRACTOR SHALL CALL THE ONE CALL CENTER (1-800-344-8377) FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET R.O.W.
- 4. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION SERVICES DIVISION OF THE CITY'S ONE STOP SHOP (OSS) AT 974-6360 OR 974-7034 AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET R.O.W. THE METHOD OF PLACEMENT AND COMPACTION OF BACKFILL IN THE CITY'S R.O.W. MUST BE APPROVED PRIOR TO THE START OF BACKFILL OPERATIONS.
- 5. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 EAST 6TH STREET, AUSTIN TEXAS.)
- 6. CONTRACTOR MAY NOT BLOCK, DIRECT, IMPEDE, OR REROUTE PEDESTRIAN OR VEHICULAR TRAFFIC, NOR PLACE A BARRICADE OR OTHER TRAFFIC CONTROL DEVICE IN A RIGHT OF WAY WITHOUT FIRST OBTAINING A TEMPORARY USE OF RIGHT OF WAY PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION.
- 7. ALL SITE WORK MUST ALSO COMPLY WITH ENVIRONMENTAL REQUIREMENTS.
- 8. UPON COMPLETION OF THE PROPOSED SITE IMPROVEMENTS AND PRIOR TO THE FOLLOWING, THE ENGINEER SHALL CERTIFY IN WRITING THAT THE PROPOSED DRAINAGE, FILTRATION AND DETENTION FACILITIES WERE CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS:
  - RELEASE OF THE CERTIFICATE OF OCCUPANCY BY THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT (INSIDE THE CITY LIMITS); OR
  - •INSTALLATION OF AN ELECTRIC OR WATER METER (IN THE FIVE-MILE ETJ).

#### SPECIAL CONSTRUCTION NOTES

- 1. BLASTING WITHIN THE PROJECT AREA WILL NOT BE ALLOWED WITHOUT A SEPARATE BLASTING PERMIT.
- BURNING WILL NOT BE ALLOWED ONSITE.
- 3. THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN BARRICADES, WARNING SIGNS, FLASHERS AND OTHER DEVICES OF THE TYPE AND SIZE AS INDICATED IN THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, OR AS DIRECTED BY THE ENGINEER.
- 4. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DUST-FREE LANE FOR TRAFFIC WITH FLAGMEN DURING CONSTRUCTION ACTIVITIES AND TWO LANES AT ALL OTHER TIMES. ACCESS TO CONTIGUOUS PRIVATE PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- 5. ALL STRUCTURAL CONCRETE SHALL BE CLASS "A" (5 SACK, 25-8-36100 PSI @ 28 DAYS) AND ALL REINFORCING STEEL SHALL BE GRADE SIXTY, UNLESS OTHERWISE NOTED.
- 6. THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE ENVIRONMENTAL INSPECTOR, AT 974-2278, 48 HOURS PRIOR TO THE REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL, IF APPLICABLE.
- 7. UTILITIES SHOWN REFLECT THE BEST INFORMATION AVAILABLE AT THE TIME THE PROJECT WAS SURVEYED. NO WARRANTY IS IMPLIED AS TO THE ACTUAL LOCATION. FOR EXACT LOCATIONS CALL 472-2822, 48 HOURS PRIOR TO BEGINNING EXCAVATION.
- 8. SIGNS IN THE WAY OF CONSTRUCTION SHALL BE REMOVED AND RELOCATED AS SOON AS POSSIBLE. ALL TRAFFIC CONTROL SIGNS, INCLUDING STOP AND STREET-NAME SIGNS, SHALL NOT BE REMOVED OR RELOCATED WITHOUT THE APPROVAL OF THE PROJECT INSPECTOR AND THE TRANSPORTATION ENGINEERING DIVISION OF THE DEPARTMENT OF TRANSPORTATION. THIS WORK SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
- 9. ANY UTILITY METERS IN THE WAY OF THE CONSTRUCTION WILL BE RELOCATED OUTSIDE OF THE PROPOSED CONSTRUCTION AREA BY THE UTILITY OWNER UNLESS SUCH WORK AFFECTING THOSE METERS IS INCLUDED IN THE
- 10. ANY AREAS TO RECEIVE TRANSITION PAVEMENT SHALL BE CONSTRUCTED WITH THE SAME TYPICAL SECTION AS THE ADJACENT NEW CONSTRUCTION.
- 11. ANY EXISTING SIDEWALKS, CURBS OR DRIVEWAYS DISTURBED BY THE CONSTRUCTION SHALL BE REMOVED AND RESTORED WITH SURFACE MATERIALS EQUAL TO OR BETTER THAN THE ORIGINAL.
- 12. THE REMOVAL OF EXISTING DRIVEWAY PIPE CULVERTS, RIPRAP AND HEADWALLS IN THE WAY OF CONSTRUCTION WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

13. IN AREAS WHERE EXISTING CURBS AND GUTTERS ARE TO REMAIN. THE OLD PAVING AND BASE MUST BE REMOVED

- AND THE NEW BASE AND PAVING PLACED AND COMPACTED SO AS NOT TO DISTURB EXISTING CURBS AND GUTTERS. 14. USE OF HYDRATED LIME SHALL BE RESTRICTED AND SHALL BE APPROVED BY OWNER. OWNER MAY DENY APPROVAL FOR USE OF HYDRATED LIME AT OWNER'S DISCRETION.
- 15. ALL STORM SEWER PIPE SHALL BE RCP. CLASS V. WITH BEDDING THAT CONFORMS TO COA STANDARD SPECIFICATION 510-PIPE AND ITS SPECIAL PROVISION, UNLESS OTHERWISE NOTED. ALL BEDDING MATERIAL SHALL BE APPROVED BY OWNER PRIOR TO PLACEMENT. JOINTS SHALL BE WATER TIGHT.
- 16. THE CONTRACTOR SHALL ERECT AND MAINTAIN FILTER FABRIC FENCE, MULCH SOCKS, AND SPILL CONTAINMENT BOOMS AT LOCATIONS SHOWN ON THE PLANS AND ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR OWNER. PAYMENT WILL BE MADE UNDER THE APPROPRIATE ITEMS LISTED ON THE BID FORM 300U.
- 17. COMPLIANCE WITH FEDERAL AND STATE ENDANGERED SPECIES PERMITS IS REQUIRED. OVERSIGHT BY CITY OF AUSTIN SALAMANDER BIOLOGIST IN ADDITION TO CITY OF AUSTIN ENVIRONMENTAL INSPECTOR IS REQUIRED THROUGHOUT THE ENTIRE CONSTRUCTION PHASE.
- 18. THE ENTIRE FLOOR OF THE ELIZA SPRING AMPHITHEATER AND AREAS UNDER WATER IN THE AMPHITHEATER ARE ENDANGERED SPECIES HABITAT AND CANNOT BE IMPACTED BY CONSTRUCTION. EQUIPMENT AND CREW CANNOT ENTER THE AMPHITHEATER FLOOR OR AREAS UNDER WATER IN THE AMPHITHEATER EXCEPT TO INSTALL COFFERDAM AFTER CITY BIOLOGISTS HAVE LOCATED AND REMOVED ANY SALAMANDERS. MATERIAL, DEBRIS, OR SILT CANNOT BE ALLOWED TO DROP INTO AMPHITHEATER FLOOR.

- 19. ELIZA SPRING AMPHITHEATER IS A HISTORICAL STRUCTURE. ONLY THE PARTS NOTED TO BE REMOVED CAN BE AFFECTED. DEMOLITION AND CONSTRUCTION MUST LEAVE THE REST OF THE HISTORICAL STRUCTURE UNDAMAGED.
- 20. CONTRACTOR SHALL SURVEY THE TOP OF THE AMPHITHEATER WALL AND AMPHITHEATER STEPS PRIOR TO START OF CONSTRUCTION AND AGAIN AFTER CONSTRUCTION. THE ARAL LIMITS OF THE SURVEY SHALL EXTEND OVER THE PORTION OF THE AMPHITHEATER ADJACENT TO THE PROPOSED MICRO-PILE AND SHOTCRETE WALL. VERTICALLY, THE SURVEY SHALL EXTEND FROM THE TOP OF THE EXISTING AMPHITHEATER WALL TO THE EDGE OF THE ENDANGERED SPECIES HABITAT WITHIN THE AMPHITHEATER AND SHALL INCLUDE ALL STEPS. THE SURVEY DATA SHALL BE PREPARED BY A TEXAS REGISTERED PROFESSIONAL LAND SURVEYOR AND SUBMITTED TO THE OWNER. SURVEY IS SUBSIDIARY TO THE CONSTRUCTION.
- 21. DAMAGED STRUCTURES MUST BE REPAIRED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 22. SPECIFIED MATERIALS, MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES SHALL NOT BE SUBSTITUTED WITHOUT APPROVAL BY OWNER.
- 23. COMPLIANCE WITH WATER POLLUTION ABATEMENT PLAN (WPAP) EXCEPTION IS REQUIRED.
- 24. COORDINATION WITH USFWS AND TPWD ARE REQUIRED. CITY OF AUSTIN WILL ARRANGE COORDINATION WITH THESE ENTITIES, AND CONTRACTOR SHALL COMPLY.
- 25. MAXIMUM ALLOWABLE UNIFORM LIVE LOAD ON THE BYPASS TUNNEL ROOF IS 100 PSF.
- 26. MAXIMUM ALLOWABLE EQUIPMENT LOAD ON THE BYPASS TUNNEL ROOF IS 2,000 LBS. EQUIPMENT DATASHEETS MUST BE SUBMITTED FOR ENGINEER/OWNER APPROVAL BEFORE EQUIPMENT WILL BE ALLOWED ON THE BYPASS TUNNEL ROOF. DATASHEETS WILL BE USED TO DETERMINE THE APPLIED LOADING ON THE BYPASS TUNNEL ROOF.
- 27. FOR THE PROTECTION OF NATURAL AREAS, NO EXCEPTIONS WILL BE TAKEN TO THE LOCATIONS OF FENCES AT THE LIMITS OF CONSTRUCTION AS SHOWN ON PLANS. CONTRACTOR NOT TO EXCEED THE LIMITS OF CONSTRUCTION.
- 28. CONTRACTOR TO NOTIFY CITY OF AUSTIN SALAMANDER BIOLOGISTS PRIOR TO WORK NEAR OR WITHIN SALAMANDER HABITAT AREA, INCLUDING ANY WORK WITHIN THE ELIZA SPRING AMPHITHEATER. CONTRACTOR SHALL COORDINATE TIMING OF WORK WITHIN THE ELIZA SPRING AMPHITHEATER WITH CITY OF AUSTIN SALAMANDER BIOLOGISTS.
- 29. CITY OF AUSTIN SALAMANDER BIOLOGIST MUST BE PHYSICALLY PRESENT AT ALL TIMES WHEN THE CONTRACTOR IS WORKING WITHIN THE ELIZA SPRING AMPHITHEATER.
- 30. CITY OF AUSTIN SALAMANDER BIOLOGIST MUST HAVE CONTINUAL ACCESS TO ALL PARTS OF THE CONSTRUCTION SITE.
- 31. CITY OF AUSTIN SALAMANDER BIOLOGIST HAVE IMMEDIATE STOP WORK AUTHORITY FOR ANY ACTIVITY THAT IN THEIR SOLE JUDGEMENT POSES POTENTIAL HARM TO PROTECTED SALAMANDER HABITAT.
- 32. NO STRUCTURAL WORK IS ALLOWED TO INTRUDE INTO THE FLOOR OF THE AMPHITHEATER WITHIN SALAMANDER HABITAT.
- 33. HAZARDOUS MATERIALS ARE NOT PERMITTED WITHIN 25 FEET OF ENDANGERED SPECIES HABITAT, THE CONSTRUCTED SPRING OUTLET CHANNEL, BARTON SPRINGS POOL, OR BARTON CREEK.
- 34. PROJECT CONSTRUCTION WORKING HOURS ARE FROM 7 AM TO 7 PM WEEKDAYS AND 8 AM TO 7 PM WEEKENDS.
- 35. CONTRACTOR SHALL SECURE CONSTRUCTION SITE FROM PUBLIC ACCESS AT ALL TIMES AND PREVENT PUBLIC ENTRY TO BARTON SPRINGS POOL THROUGH CONSTRUCTION SITE AT ALL TIMES.
- 36. CONTRACTOR SHALL COORDINATE TIMING OF EXCAVATION AND DEMOLITION ACTIVITIES WITH PROJECT CULTURAL RESOURCES CONSULTANT AND ALLOW CONSULTANT TO CONDUCT CULTURAL RESOURCES MONITORING ACTIVITIES.
- 37. CONTRACTOR SHALL COVER ALL OPEN TRENCHES WITH STEEL PLATING AT THE END OF EACH WORK DAY.
- 38. THE CONTRACTOR IS LIMITED TO VEGETABLE BASED HYDRAULIC FLUIDS FOR EQUIPMENT THAT WILL BE USED WITHIN LOC. WITHOUT THE WRITTEN CONSENT BY THE OWNER, HYDRAULIC FLUIDS MUST MEET THE FOLLOWING SPECIFICATIONS:
  - •BIODEGRADABILITY: 80% DEGRADABLE WITHIN 21 DAY PER CEC L-32-A-94
  - IN INSTANCES WHERE A SUITABLE BIODEGRADABLE PRODUCT IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE DOCUMENTATION OF SUCH TO OWNER IF REQUESTED.
- 39 THE CITY OF AUSTIN BIOLOGIST WILL BE PRESENT ON SITE WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING IN ENDANGERED SPECIES HABITAT TO SEARCH FOR AND RESCUE STRANDED SALAMANDERS WITHIN CONSTRUCTION WORK AREAS. THE CONTRACTOR SHALL ALLOW ACCESS TO THE CONSTRUCTION SITE AND PROVIDE SUPPORT TO THE CITY'S BIOLOGIST IN THESE EFFORTS AT ALL TIMES THROUGHOUT CONSTRUCTION. CONTRACTOR MAY NOT, UNDER ANY CIRCUMSTANCES, TOUCH, HARM, OR HANDLE SALAMANDERS.

### 40. THE RESPONSIBILITIES OF AN ENVIRONMENTAL PROJECT MANAGER MAY BE PROVIDED BY THE PROJECT SUPERINTENDENT OR PROJECT MANAGER.

# **DEVELOPER INFORMATION**

OWNER: DONELLE ROBINSON, CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT

ADDRESS: 505 BARTON SPRINGS ROAD, AUSTIN, TX 78704

PHONE #: 512-974-1242

OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS: SCOTT M. MUCHARD, P.E., HDR ENGINEERING, INC. PHONE#: 512-912-5100 CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE.

CONTRACTOR IS RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE.

AMERICANS WITH DISABILITIES ACT

THE CITY OF AUSTIN HAS REVIEWED THIS PLAN FOR COMPLIANCE WITH CITY DEVELOPMENT REGULATIONS ONLY. THE APPLICANT. PROPERTY OWNER, AND OCCUPANT OF THE PREMISES ARE RESPONSIBLE FOR DETERMINING WHETHER THE PLAN COMPLIES WITH ALL OTHER LAWS, REGULATIONS, AND RESTRICTIONS WHICH MAY BE APPLICABLE TO THE PROPERTY AND ITS USE.

## <u>SURVEY</u>

- 1. THE INFORMATION PROVIDED ON THE BASE DRAWING BASED ON SURVEY MAPS PROVIDED BY LANDMARK SURVEYING AND SAM INC. SURVEY DATA GENERALLY COLLECTED BETWEEN 2009 AND 2011.
- 2. PROJECT SURVEY CONTROL WAS ESTABLISHED FROM LCRA, CITY OF AUSTIN CONTROL IN THIS AREA, AND TXDOT CORS STATIONS.
- 3. ALL PROJECT GRID COORDINATES BASED ON THE TEXAS STATE PLAN COORDINATE SYSTEM, CENTRAL ZONE, NAD83(1993). VERTICAL DATUM: NAVD88.
- 4. ONLY VISIBLE SURFACE FEATURES, VISIBLE UTILITIES AND VISIBLE EVIDENCE OF UNDERGROUND UTILITIES WERE SURVEYED AND SHOWN HEREIN.

### PIPE PROTECTION NOTES

- 1. AFTER ONE CALL HAS MARKED UTILITY LOCATIONS WITHIN THE PROJECT AREA, OWNER WILL USE SPRAY PAINT TO MARK THE FULL LENGTH OF EXISTING PIPES TO BE CROSSED, INCLUDING ELIZA SPRING OUTLET AND STORM DRAIN PIPES, OUTLINING THE ACTUAL PIPE WIDTHS IF POSSIBLE. OWNER WILL ALSO MARK KNOWN IRRIGATION LINES AND FLAG IRRIGATION HEADS.
- CONTRACTOR SHALL TAKE EXTREME CARE AND AVOID DAMAGE TO THE EXISTING BURIED ELIZA SPRING OUTLET PIPE UNTIL SPRING FLOWS ARE DIVERTED IN ACCORDANCE WITH THE CARE OF WATER PLAN. PROTECTION MEASURES NECESSARY TO AVOID DAMAGE TO THE PIPES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. MINIMUM MEASURES TO BE TAKEN TO PROTECT PIPE SHALL INCLUDE BUT NOT BE LIMITED TO SPANNING/STRADDLING THE ENTIRE EXISTING ELIZA SPRING OUTLET PIPE ALIGNMENT WITH STEEL PLATES, A MINIMUM OF 2-INCH THICKNESS OF PLYWOOD, OR A MINIMUM OF 3-INCH THICKNESS OF PARTICLE BOARD. STEEL PLATES, PLYWOOD, OR PARTICLE BOARD SPAN SHALL EXTEND A MINIMUM OF 4 FEET TO EACH SIDE OF THE OUTLET PIPE. CONTRACTOR SHALL SUBMIT A UTILITY PROTECTION PLAN TO THE OWNER FOR APPROVAL AND INSTALL THE APPROVED MEASURES PRIOR TO ALLOWING VEHICLES OR EQUIPMENT TO CROSS PIPE ALIGNMENT OR CONDUCTING ANY OTHER ACTIVITIES THAT MAY CAUSE DAMAGE TO PIPE.
- 3. CONTRACTOR SHALL MINIMIZE THE NUMBER OF TIMES EQUIPMENT AND VEHICLES CROSS THE EXISTING ELIZA SPRING OUTLET PIPE. UNDER NO CIRCUMSTANCES SHALL EQUIPMENT OR VEHICLES CROSS OUTLET WITHOUT PROTECTION IN PLACE. CROSSINGS SHALL BE PERPENDICULAR TO THE BURIED UTILITIES WHEN POSSIBLE.
- 4. AT NO TIME SHALL THE TIRES, TREAD, OR OUTRIGGERS OF ANY EQUIPMENT COME TO REST ON THE ALIGNMENT OF THE ELIZA SPRING OUTLET PIPE OR STORM DRAIN PIPE.
- WHEN EQUIPMENT OUTRIGGERS ARE USED, OUTRIGGERS SHALL REST ON PIERS OR STEEL PLATES PLACED ON THE GROUND TO DISPERSE THE FORCE/WEIGHT OF THE OUTRIGGERS.
- 6. DAMAGE TO IRRIGATION SYSTEM COMPONENTS NOT PLANNED FOR REPLACEMENT AS PART OF THE PROJECT SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 7. DAMAGE TO STORM DRAIN SYSTEM COMPONENTS NOT PLANNED FOR REPLACEMENT AS PART OF THE PROJECT SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 8. PRIOR TO COMMENCING WORK AND AT ALL TIMES, CONTRACTOR SHALL HAVE EQUIPMENT AND CREW AVAILABLE TO EXCAVATE TO THE DEPTH OF THE ELIZA SPRING OUTLET PIPE AND REMOVE ANY OBSTRUCTION TO THE PIPE SHOULD DAMAGE OR COLLAPSE OCCUR. CONTRACTOR SHALL COORDINATE REPAIR WORK WITH CITY OF AUSTIN SALAMANDER BIOLOGISTS.
- 9. MAINTAIN SPILL PREVENTION AND CONTROL MEASURES PURSUANT TO PROJECT MANUAL SECTION 01901.
- 10. AVOID PLACEMENT OF SPOILS ON ALIGNMENT OF EXISTING ELIZA SPRING OUTLET PIPE.
- 11. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE MATERIALS, EQUIPMENT, OR LABOR REQUIRED BY THE PIPE PROTECTION MEASURES, BUT SHALL BE SUBSIDIARY TO THE VARIOUS ITEMS OF WORK INCLUDED IN THE CONTRACT.

# LEGEND

- BENCHMARK
- CONTROL POINT
- GPS MONUMENT O MANHOLE
- WASTE WATER MANHOLE
- WATER MANHOLE ELECTRIC MANHOLE
- TELEPHONE PEDESTAL
- ELECTRIC JUNCTION BOX
- -- POWER POLE GUY ANCHOR
- 6" WOOD POST (UNLESS OTHERWISE NOTED)
- WATER SPRINKLER
- FIRE HYDRANT
- WATER VALVE (PARD)
- VARIOUS TRAFFIC AND UTILITY SIGNS
- WATER FAUCET (PARD)

WATER METER (PARD) DROP INLET

VARIOUS LAMPS  $\alpha$ CLEANOUT

- TREE WITH APPROXIMATE DRIPLINE PER COA GUIDELINES (1"DBH=1' RADIUS)
- CONC. CONCRETE
- TRASH DISPOSAL
- BORING LOCATION
- PROPOSED MANHOLE EXISTING MANHOLE

EXISTING WATER LINE PLUG —∞—∞—∞—∞—∞— CHAINLINK FENCE

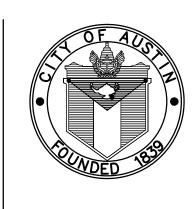
→ WROUGHT IRON FENCE ----- OVERHEAD ELECTRIC 

PARD = OWNED BY PARKS AND RECREATION DEPARTMENT



			PROJECT MANAGER	S. MUCHARD
			DESIGNED BY	S. MUCHARD
			DRAWN BY	C. AMARAL
			CHECKED BY	C. PARKER
1	6/8/2016	ISSUED FOR ADDENDUM # 2	DATE	JUNE 2016
ISSUE	DATE	DESCRIPTION	PROJECT NUMBER	220162
1			•	•







NEW SHEET 94 OF 138 FILENAME G1.2.DWG G1.2 SCALE | NONE

**GENERAL NOTES** AND LEGEND